

MULTIPLE ORIFICE APPLICATOR WITH IMPROVED SEALING

Abstract

A multiple orifice applicator system for dispensing a plurality of rows of fluid material onto a work piece is disclosed. A source of fluid material is in fluid communication with the multiple orifice applicator. The multiple orifice applicator is mounted to a robotic arm, which positions the multiple orifice applicator relative to the work piece to enable the multiple orifice applicator to dispense fluid material onto the work piece. Fluid material is caused to flow from the source of fluid material into the multiple orifice applicator. The fluid material enters the multiple orifice applicator through an inlet duct and is dispersed and spread out into at least one dispersing chamber. The fluid material is dispensed onto the work piece through a plurality of outlet orifices in the multiple orifice applicator.